methionylglycyl-L-phenylalanylglycyl-L-prolyl-L-α-glutamyl-L-threonyl-
See *Calcitonin (cattle reduced) [30251-83-3]*
cyclic (1→7)-disulfide — see *Calcitonin (cattle) [26112-29-8]*

—, L-cysteinyl-L-seryl-L-asparaginyl-L-leucyl-L-seryl-L-threonyl-L-cysteinyl-L-valyl-L-leucyl-L-seryl-L-alanyl-L-tyrosyl-L-tryptophyl-L-lysyl-L-α-aspartyl-L-leucyl-L-asparaginyl-L-asparaginyl-L-tyrosyl-L-histidyl-L-arginyl-L-tyrosyl-L-serylglycyl-L-methionylglycyl-L-phenylalanylglycyl-L-prolyl-L-α-glutamyl-L-threonyl-
cyclic (1→7)-disulfide — see *Calcitonin (sheep) [40988-57-6]*

—, L-cysteinyl-L-serylglycyl-L-leucyl-L-seryl-L-threonyl-L-cysteinyl-L-alanyl-L-leucyl-L-methionyl-L-lysyl-L-leucyl-L-seryl-L-glutaminyl-L-α-aspartyl-L-leucyl-L-histidyl-L-arginyl-L-phenylalanyl-L-asparaginyl-L-seryl-L-tyrosyl-L-prolyl-L-arginyl-L-threonyl-L-asparaginyl-L-valylglycyl-L-alanylglycyl-L-threonyl-
See *Calcitonin (Rana catesbeiana reduced) [194278-09-6]*

—, L-cysteinyl-L-seryl-L-seryl-L-leucyl-L-seryl-L-threonyl-L-cysteinyl-L-valyl-L-leucylglycyl-L-lysyl-L-leucyl-L-seryl-L-glutaminyl-L-α-glutamyl-L-leucyl-L-histidyl-L-lysyl-L-leucyl-L-glutaminyl-L-threonyl-L-tyrosyl-L-prolyl-L-arginyl-L-threonyl-L-asparaginyl-L-valylglycyl-L-alanylglycyl-L-threonyl-
cyclic (1→7)-disulfide — see *Calcitonin (goldfish) [147235-36-7]*

—, L-cysteinyl-L-threonyl-L-seryl-L-leucyl-L-seryl-L-threonyl-L-cysteinyl-L-valyl-L-valylglycyl-L-lysyl-L-leucyl-L-seryl-L-glutaminyl-L-glutaminyl-L-leucyl-L-histidyl-L-lysyl-L-leucyl-L-glutaminyl-L-asparaginyl-L-isoleucyl-L-glutaminyl-L-arginyl-L-threonyl-L-α-aspartyl-L-valylglycyl-L-alanyl-L-alanyl-L-threonyl-
cyclic (1→7)-disulfide — see *Calcitonin (stingray) [146506-46-9]*

—, L-cysteinyl-L-threonyl-L-seryl-L-leucyl-L-seryl-L-threonyl-L-cysteinyl-L-valyl-L-valylglycyl-L-lysyl-L-seryl-L-glutaminyl-L-glutaminyl-L-leucyl-L-histidyl-L-lysyl-L-leucyl-L-glutaminyl-L-asparaginyl-L-isoleucyl-L-glutaminyl-L-arginyl-L-threonyl-L-α-aspartyl-L-valylglycyl-L-alanyl-L-alanyl-L-threonyl-
cyclic (1→7)-disulfide — see *Calcitonin (Dasyatis akajei) [137044-13-4]*

—, L-histidyl-L-seryl-L-α-aspartyl-L-alanyl-L-isoleucyl-L-phenylalanyl-L-threonyl-L-glutaminyl-L-glutaminyl-L-tyrosyl-L-seryl-L-lysyl-L-leucyl-L-leucyl-L-alanyl-L-lysyl-L-leucyl-L-alanyl-L-leucyl-L-glutaminyl-L-lysyl-L-tyrosyl-L-leucyl-L-alanyl-L-seryl-L-isoleucyl-L-leucylglycyl-L-seryl-L-arginyl-L-threonyl-L-seryl-L-prolyl-L-prolyl-
See *Helodermin [89468-62-2]*

—, L-valyl-L-glutaminyl-L-α-glutamyl-L-seryl-L-alanyl-L-α-aspartylglycyl-L-tyrosyl-L-arginyl-L-methionyl-L-glutaminyl-L-histidyl-L-phenylalanyl-L-arginyl-L-tryptophylglycyl-L-glutaminyl-L-prolyl-L-leucyl-
See *Melanotropin B (Petromyzon marinus) [170245-12-2]*

Prolinanilide
See *2-Pyrrolidinecarboxamide, N-phenyl- [25746-83-2]*

Prolinase
See *Dipeptidase, prolyl [9025-33-6]*

Proline *[609-36-9]*
The L-isomer has been assumed unless otherwise specified or implied in the original document and is indexed at *L-Proline [147-85-3]*. When synthetic proline has been clearly indicated in the original document, the racemate has been assumed and is indexed at this heading. These assumptions have also been made for their 1-substituted derivs. and for their unsubstituted and 1-substituted acid derivs. (e.g., esters, hydrazides)
Studies of salts of aluminum, beryllium, gallium, indium, magnesium, thallium and transition metals are indexed at the headings of these metals
bimol. cyclic peptide — see *5H,10H-Dipyrrolo[1,2-a:1',2'-d]pyrazine-5,10-dione, octahydro- [6708-06-1]*
cyclic dipeptide with glycine — see *Pyrrolo[1,2-a]pyrazine-1,4-dione, hexahydro- [19179-12-5]*
cyclic dipeptide with leucine — see *Pyrrolo[1,2-a]pyrazine-1,4-dione, hexahydro-3-(2-methylpropyl)- [5654-86-4]*
cyclic dipeptide with phenylalanine — see *Pyrrolo[1,2-a]pyrazine-1,4-dione, hexahydro-3-(phenylmethyl)- [14705-60-3]*
cyclic dipeptide with tyrosine — see *Pyrrolo[1,2-a]pyrazine-1,4-dione, hexahydro-3-[(4-hydroxyphenyl)methyl]- [5654-84-2]*
3-methyl-2-thiohydantoin — see *1H-Pyrrolo[1,2-c]imidazol-1-one, hexahydro-2-methyl-3-thioxo- [22712-58-9]*

—, **1-carboxy-**
See *1,2-Pyrrolidinedicarboxylic acid [5626-63-1]*

—, **1-(carboxymethyl)-**
See *1-Pyrrolidineacetic acid, 2-carboxy- [5626-40-4]*

—, **1-[*N*-[*N*-[*N*-[*N*-[*N*-[*N*-(5-chloro-2,3,4,5-tetradehydro-1-hydroxyprolyl)-3-(2-nitrocyclopropyl)alanyl]-D-allothreonyl]-*threo*-β-methyl-L-phenylalanyl]-3-(2-nitrocyclopropyl)alanyl]-*threo*-β-methyl-L-phenylalanyl]-L-isoleucyl]-4-(1-propenyl)-**
ϱ-lactone — for specific stereoisomers see such headings as *Hormaomycin [121548-21-8]*

—, **3,4-didehydro-**
See *1H-Pyrrole-2-carboxylic acid, 2,5-dihydro- [3395-35-5]*

—, **hydroxy-**
The (*R*)-4-hydroxy L-isomer has been assumed unless otherwise specified or implied in the original document and is indexed at *L-Proline, 4-hydroxy-, (4R)- [51-35-4]*. When synthetic hydroxyproline has been clearly indicated in the original document, the 4-hydroxy racemate has been assumed and is indexed at *Proline, 4-hydroxy- [6912-67-0]*. These assumptions have also been made for their 1-substituted derivs. and for their unsubstituted and 1-substituted acid derivs. (e.g., esters, hydrazides)

—, **4-hydroxy-**
γ-lactone — see *2-Oxa-5-azabicyclo[2.2.1]-heptan-3-one [25746-85-4]*

—, **1-leucyl-**
cyclic peptide — see *Pyrrolo[1,2-a]pyrazine-1,4-dione, hexahydro-3-(2-methylpropyl)- [5654-86-4]*

—, **1-[*N*-[*N*-methyl-*N*-[5-methyl-1-[*N*-[*N*-(1-oxo-2,4,6-octatrienyl)phenylalanyl]seryl]-prolyl]alanyl]alanyl]-**
ξ-lactone — for specific stereoisomers see such headings as *Antibiotic A 54556A [95398-45-1]*

—, **oxo-**
The 5-oxo L-isomer has been assumed unless otherwise specified or implied in the original document and is indexed at *L-Proline, 5-oxo- [98-79-3]*. When synthetic oxoproline has been clearly indicated in the original document, the 5-oxo racemate has been assumed and is indexed at *Proline, 5-oxo- [149-87-1]*. These assumptions have also been made for their 1-substituted derivs. and for their unsubstituted and 1-substituted acid derivs. (e.g., esters, hydrazides)

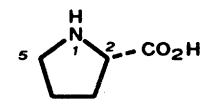
—, **thio-**
See *2-Pyrrolidinecarbothioic acid [2756-91-4]*

D-Proline

—, ***N*-[(2*R*,3*R*)-3-hydroxy-2-methyl-1-oxo-7-octynyl]-*N*-methyl-D-valyl-(2*S*)-2-hydroxy-3-methylbutanoyl-(2*S*,3*S*)-2-hydroxy-3-methylpentanoyl-(4→1'),(4'→1)-dilactone with *N*-[(2*R*,3*R*)-3-hydroxy-2-methyl-1-oxo-7-octynyl]-*N*-methyl-D-valyl-(2*S*)-2-hydroxy-3-methylbutanoyl-(2*S*,3*S*)-2-hydroxy-3-methylpentanoyl-L-proline** — see *Onchidin B [183731-02-4]*

—, **D-seryl-D-tyrosyl-D-seryl-D-methionyl-D-α-glutamyl-D-histidyl-D-phenylalanyl-D-arginyl-D-tryptophylglycyl-D-lysyl-D-prolyl-D-valylglycyl-D-lysyl-D-lysyl-D-arginyl-D-arginyl-D-prolyl-D-valyl-D-lysyl-D-valyl-D-tyrosyl-**
See *enantio-α$^{1-24}$-Corticotropin [58232-12-5]*

L-Proline *[147-85-3]*



Studies of "carboxypyrrolidine" are indexed at this heading in the absence of further information

—, **L-alanyl-L-valyl-L-leucyl-L-threonyl-L-glutaminyl-L-glutaminyl-L-tyrosyl-L-histidyl-L-glutaminyl-L-leucyl-L-lysyl-L-prolyl-L-isoleucyl-L-α-glutamyl-L-tyrosyl-L-α-glutamyl-**
See *Peptide p 2(E)* (Moloney murine leukemia virus) [94015-97-1]*

—, **L-arginyl-L-α-glutamyl-L-isoleucyl-L-lysylglycyl-L-tyrosyl-L-α-glutamyl-L-tyrosyl-L-glutaminyl-L-leucyl-L-tyrosyl-L-valyl-L-tyrosyl-L-alanyl-L-seryl-L-α-aspartyl-L-lysyl-L-leucyl-L-phenylalanyl-L-arginyl-L-alanyl-L-α-aspartyl-L-isoleucyl-L-seryl-L-α-glutamyl-L-α-aspartyl-L-tyrosyl-L-lysyl-L-threonyl-L-arginylglycyl-L-arginyl-L-lysyl-L-leucyl-L-leucyl-L-arginyl-L-phenylalanyl-L-asparaginylglycyl-L-prolyl-L-valyl-L-prolyl-L-prolyl-**
See *Monellin (A-chain) [130453-08-6]*

—, **L-α-aspartyl-L-leucyl-L-cysteinyl-L-α-glutamyl-L-glutaminyl-L-seryl-L-alanyl-L-leucyl-L-glutaminyl-L-cysteinyl-L-asparaginyl-L-α-glutamyl-L-glutaminylglycyl-L-cysteinyl-L-histidyl-L-asparaginyl-L-phenylalanyl-L-cysteinyl-L-seryl-L-prolyl-L-α-glutamyl-L-α-aspartyl-L-lysyl-L-prolylglycyl-L-cysteinyl-L-leucylglycyl-L-methionyl-L-valyl-L-tryptophyl-L-asparaginyl-L-prolyl-L-α-glutamyl-L-leucyl-L-cysteinyl-**
See *Euplomone r 10 (reduced) [120852-74-6]*

—, **L-α-aspartyl-L-prolyl-L-methionyl-L-threonyl-L-cysteinyl-L-α-glutamyl-L-glutaminyl-L-alanyl-L-methionyl-L-alanyl-L-seryl-L-cysteinyl-L-α-glutamyl-L-histidyl-L-threonyl-L-methionyl-L-cysteinylglycyl-L-tyrosyl-L-cysteinyl-L-glutaminylglycyl-L-prolyl-L-leucyl-L-tyrosyl-L-methionyl-L-threonyl-L-cysteinyl-L-isoleucylglycyl-L-isoleucyl-L-threonyl-L-threonyl-L-α-aspartyl-L-prolyl-L-α-glutamyl-L-cysteinylglycyl-L-leucyl-**
See *Euplomone r 2 (reduced) [141442-04-8]*

—, **L-β-aspartyl-L-seryl-L-threonyl-L-allothreonyl-L-alanylglycyl-*trans*-3-hydroxy-L-prolyl-α,β-didehydrotryptophyl-β-methyl-L-tryptophyl-*erythro*-3-hydroxy-L-leucyl-3-hydroxy-β$_1$-lactone, *cis*-** — see *Telomycin [19246-24-3]*

—, **1-[*N*-[1-[*N*-[*N*-[*N*-[8-[(3,7-dihydroxy-2,8-dimethyl-1-oxononyl)oxy]-4,7-dimethyl-1,3-dioxo-4-nonenyl]-*N*-methyl-L-isoleucyl]-*N*-methyl-L-valyl]-*N*,*O*-dimethyl-L-seryl]-L-prolyl]-*N*-methyl-L-valyl]-**
ι$_1$-lactone, [2*R*-[1(4*E*,7*S,8*R**),2*R**,3*R**,7*S**]]-** — see *Nordolastatin G [180610-93-9]*

—, **1-[*N*-[1-[*N*-[*N*-[*N*-[8-[(3,7-dihydroxy-2,8-dimethyl-1-oxononyl)oxy]-3-methoxy-4,7-dimethyl-1-oxo-2,4-nonadienyl]-*N*-methyl-L-isoleucyl]-*N*-methyl-L-valyl]-*N*,*O*-dimethyl-L-seryl]-L-prolyl]-*N*-methyl-L-valyl]-**
ι$_1$-lactone, [2*R*-[1(2*E*,4*E*,7*S,8*R**),2*R**,3*R**,7*S**]]-** — see *Dolastatin G [174916-13-3]*

—, **(4*R*,5*R*)-4,5-dihydroxy-*N*^{2}-(12-methyl-1-oxotetradecyl)-L-ornithyl-L-threonyl-*trans*-4-hydroxy-L-prolyl-(*S*)-4-hydroxy-4-(4-hydroxyphenyl)-L-threonyl-L-seryl-3-hydroxy-4-methyl-**
cyclic (6→1)-peptide, (2α,3β,4β)- — see *Mulundocandin [108351-20-8]*

—, **(4*R*,5*R*)-4,5-dihydroxy-*N*^{2}-(12-methyl-1-oxotetradecyl)-L-ornithyl-L-threonyl-(4*R*)-4-hydroxy-L-prolyl-4-(4-hydroxyphenyl)-L-threonyl-L-seryl-3-hydroxy-4-methyl-**
(6→1)-lactam, (3*S*,4*S*)- — see *Deoxymulundocandin [138626-63-8]*

—, **(4*R*,5*R*)-4,5-dihydroxy-*N*^{2}-[4-(octyloxy)-benzoyl]-L-ornithyl-L-threonyl-*trans*-4-hydroxy-L-prolyl-(*S*)-4-hydroxy-4-(4-hydroxyphenyl)-L-threonyl-L-threonyl-3-hydroxy-4-methyl-**
cyclic (6→1)-peptide, (2α,3β,4β)- — see *Cilofungin [79404-91-4]*

—, **(4*R*,5*R*)-4,5-dihydroxy-*N*^{2}-(1-oxohexadecyl)-L-ornithyl-L-threonyl-*trans*-4-hydroxy-L-prolyl-(*S*)-4-hydroxy-4-(4-hydroxyphenyl)-L-threonyl-L-threonyl-3-hydroxy-4-methyl-**
cyclic (6→1)-peptide, (2α,3β,4β)- — see *Aculeacin A [58814-86-1]*

—, **(4*R*,5*R*)-4,5-dihydroxy-*N*^{2}-(1-oxo-9,12-octadecadienyl)-L-ornithyl-L-threonyl-*trans*-4-hydroxy-L-prolyl-(*S*)-4-hydroxy-4-(4-hydroxyphenyl)-L-threonyl-L-threonyl-3-hydroxy-4-methyl-**
cyclic (6→1)-peptide, [1(*Z*,*Z*),6(2α,3β,4β)]- — see *Echinocandin B [54651-05-7]*

—, **(4*R*,5*R*)-4,5-dihydroxy-*N*^{2}-(1-oxo-9,12-octadecadienyl)-L-ornithyl-L-threonyl-*trans*-4-hydroxy-L-prolyl-4-(4-hydroxyphenyl)-L-threonyl-L-threonyl-3-hydroxy-4-methyl-**
cyclic (6→1)-peptide, [1(*Z*,*Z*),6(2α,3β,4β)]- — see *Echinocandin C [71018-12-7]*

—, **(4*R*,5*R*)-4,5-dihydroxy-*N*^{2}-(1-oxotetradecyl)-L-ornithyl-L-threonyl-*trans*-4-hydroxy-L-prolyl-(*S*)-4-hydroxy-4-(4-hydroxyphenyl)-L-threonyl-*threo*-3-hydroxy-L-glutaminyl-3-hydroxy-4-methyl-**
cyclic (6→1)-peptide, (2α,3β,4β)- — see *Antibiotic S 31794F1 [61991-02-4]*

—, ***N*^{2}-(10,12-dimethyl-1-oxotetradecyl)-4,5-dihydroxy-L-ornithyl-L-threonyl-4-hydroxy-L-prolyl-4-hydroxy-4-(4-hydroxyphenyl)-L-threonyl-3-hydroxy-L-glutaminyl-3-hydroxy-**
cyclic (6→1)-peptide — for specific stereoisomers see such headings as *Pneumocandin B$_0$ [135575-42-7]*

—, ***N*^{2}-(10,12-dimethyl-1-oxotetradecyl)-(4*R*,5*R*)-4,5-dihydroxy-L-ornithyl-L-threonyl-*trans*-4-hydroxy-L-prolyl-(*S*)-4-hydroxy-4-(4-hydroxyphenyl)-L-threonyl-*threo*-3-hydroxy-L-glutaminyl-4-hydroxy-**
cyclic (6→1)-peptide, *trans*- — see *Pneumocandin C$_0$ [144074-96-4]*

—, ***N*^{2}-(10,12-dimethyl-1-oxotetradecyl)-4,5-dihydroxy-L-ornithyl-L-threonyl-4-hydroxy-L-prolyl-4-hydroxy-4-(4-hydroxyphenyl)-L-threonyl-3-hydroxy-L-glutaminyl-3-hydroxy-4-methyl-**
cyclic (6→1)-peptide — for specific stereoisomers see such headings as *Pneumocandin A$_0$ [120692-19-5]*

—, ***N*^{2}-(10,12-dimethyl-1-oxotetradecyl)-L-ornithyl-L-threonyl-4-hydroxy-L-prolyl-4-hydroxy-4-(4-hydroxyphenyl)-L-threonyl-3-hydroxy-L-glutaminyl-3-hydroxy-4-methyl-**
cyclic (6→1)-peptide — for specific stereoisomers see such headings as *Pneumocandin A$_2$ [135867-75-3]*

—, **glycyl-L-isoleucyl-L-valyl-L-α-aspartyl-L-glutaminyl-L-cysteinyl-L-cysteinyl-L-asparaginyl-L-asparaginyl-L-isoleucyl-L-cysteinyl-L-threonyl-L-phenylalanyl-L-asparaginyl-L-glutaminyl-L-leucyl-L-glutaminyl-L-asparaginyl-L-tyrosyl-L-cysteinyl-L-asparaginyl-L-valyl-**
See *Insulin (Octodon degus-A reduced) [129015-16-3]*

—, **glycyl-L-isoleucyl-L-valyl-L-α-glutamyl-L-glutaminyl-L-cysteinyl-L-cysteinyl-L-histidyl-L-lysyl-L-prolyl-L-cysteinyl-L-seryl-L-leucyl-L-tyrosyl-L-α-glutamyl-L-leucyl-L-α-glutamyl-L-asparaginyl-L-**